



DEPARTMENT OF THE NAVY
COMMANDER
NAVY REGION HAWAII
850 TICONDEROGA ST STE 110
JBPHH, HAWAII 96860-5101

JAN 23 2015

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Ser N45/035
January 21, 2015

CERTIFIED NO: 7014 1200 0000 9858 6506

Mr. Richard Takaba
Hawaii State Department of Health
Environmental Management Division
Solid and Hazardous Waste Branch
Underground Storage Tank Section
919 Ala Moana Boulevard, Room 212
Honolulu, HI 96814

Dear Mr. Takaba:

SUBJECT: RED HILL TANK COMPLEX
FOURTH QUARTER 2014 - QUARTERLY GROUNDWATER MONITORING
REPORT, INSIDE TUNNEL WELLS
FACILITY ID NO. 9-102271 / RELEASE ID NO. 99051,
010011, 020028, AND 140010

Environmental Science International, Inc. (ESI) collected groundwater samples from four wells and one sampling point at the Red Hill Fuel Storage Facility on October 27 and 28, 2014. The groundwater samples were analyzed for petroleum constituents.

Laboratory analytical results indicated TPH-d was detected in the groundwater beneath the Facility at concentrations that exceeded the DOH EAL for Drinking Water Toxicity and the DOH Groundwater Gross Contamination EAL, but were below the Site-Specific Risk Based Level (SSRBL).

TPH-d was detected at a concentration of 2,000 ug/L in monitoring well RHMW02. The DOH Drinking Water Toxicity EAL for TPH-d is 190 ug/L. The DOH Groundwater Gross Contamination EAL for TPH-d is 100 ug/L. The SSRBL for TPH-d is 4,500 ug/L.

Naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene were also present in monitoring well RHMW02 at concentrations above the DOH EALs.

TPH-d and lead were detected in monitoring well RHMW01 and at sampling point RHMW2254-01. The TPH-d concentration in well RHMW01 exceeded the DOH EAL for gross contamination, but was below the SSRBL. The lead concentrations were below DOH EALs.

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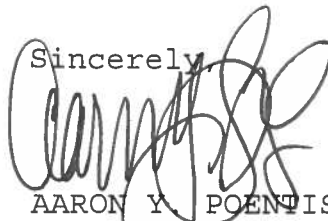
TPH-d was the only analyte detected in monitoring wells RHMW03 and RHMW05. The TPH-d concentrations were below DOH EALs and the SSBRL.

The groundwater monitoring wells were assessed monthly for the presence of free product. No free product was observed.

The next quarterly sampling event is tentatively scheduled for January 2015.

If there are any questions regarding this matter, or if more information is needed, please contact Ms. Raelynn Kishaba at (808) 471-1171, extension 233.

Sincerely,



AARON Y. POENTIS
Director
Regional Environmental Department
By direction of the
Commander

- Enclosures:
1. Final Fourth Quarter 2014 - Quarterly Groundwater Monitoring Report, Inside Tunnel Wells, Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor-Hickam, Oahu, Hawaii of January 2015 (1 hard copy)
 2. Final Fourth Quarter 2014 - Quarterly Groundwater Monitoring Report, Inside Tunnel Wells, Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor-Hickam, Oahu, Hawaii of January 2015 (1 CD)

Copy to: Ms. Joanna Seto, DOH Safe Drinking Water Branch (1 CD)
LCDR Andrew Lovgren, NAVSUP Fleet Logistics Center
Pearl Harbor (1 hard copy, 1 CD)
Mr. Rockne Krill, DLA Pacific (1 hard copy, 1 CD)
Ms. Arleen Mizuno, NAVFAC HI OPHE1 (1 CD)